

Serial No. 09/928,415

H-998

IN THE ABSTRACT OF DISCLOSURE

Please cancel the Abstract and substitute therefor the
Abstract of the Disclosure typed on an attached separate page.

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ABSTRACT OF THE DISCLOSURE

In order to achieve narrow track pitch by measuring, storing and compensating common average values for repeatable runout components between adjacent tracks in a head positioning control system for a magnetic disk drive, a compensation signal is calculated for the average value of the repeatable runout of each servo sector of at least two tracks of servo information reproduced from a magnetic disk, on the basis of an inverse function of the sensitivity characteristics of the tracking control system. The compensation signal is stored, and thereafter used for compensating the servo signal.